

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A data duplication method which duplicates data being stored in a storage subsystem connected to a computer, wherein, said computer includes a processor unit and a storing unit, and said method comprising: processor unit comprises,

an identification information reading step which reads out from a storing unit an identification information list in which identification information of each of a plurality of storage media included in the storage subsystem is stored,

a first reading step which reads out from the storing unit, ~~the~~ a first duplication definition information which stores the identification information with respect to each of the plurality of storage media, and identification information of a copy destination storage medium of each of the plurality of storage media,

a first comparing step which compares the identification information list read out in the identification information reading step, and the first duplication definition information read out in the first reading step,

an addition step in which if there exists first identification information that is stored in the identification information list but not stored in the first duplication definition information in the first comparing step, a copy destination ~~recording~~

~~storage~~ medium of ~~the~~ a storage medium ~~having-identified by the first~~ identification information is selected according to a predetermined selection condition, the first identification information and the identification information of the copy destination storage medium thus selected are added to the first duplication definition information, and data in the storage medium ~~having-identified by the first~~ identification information is copied to the copy destination storage medium thus selected, and

a deletion step in which if there exists second identification information that is not stored in the identification information list but is stored in the first duplication definition information in the first comparing step, the second identification information and ~~the~~ identification information of ~~the~~ a copy destination storage medium, which is a copy destination of ~~the~~ a storage medium ~~having-identified by the second~~ identification information, are deleted from the first duplication definition information, and copying the data of the storage medium ~~having-identified by the second~~ identification information is stopped.

2. (Currently Amended) The A-data duplication method according to claim 1, wherein,

there exist a plurality of said storage subsystems connected to the computer, and a plurality of said storage subsystems which include said copy destination storage medium.

3. (Currently Amended) The A-data duplication method according to claim 1,
wherein,

a second reading step which reads out from said storing unit, ~~the a~~ second duplication definition information which stores identification information with respect to each of said plurality of storage media as a copy destination, and identification information of a storage medium as a further copy destination of each of said storage media,

a second comparing step which compares the first duplication definition information read out in said first reading step, and the second duplication definition information read out in said second reading step,

an addition step in which if there exists third identification information that is stored in the first duplication definition information but not stored in the second duplication definition information in the second comparing step, a further copy destination ~~recording storage~~ medium of ~~the a~~ storage medium ~~having identified by~~ the third identification information is selected according to a predetermined selection condition, the third identification information and ~~the~~ identification information of the further copy destination storage medium thus selected are added to the second duplication definition information, and data in the storage medium ~~having identified by the~~ third identification information is copied to the further copy destination storage medium thus selected, and

a deletion step in which if there exists fourth identification information that is not stored in the first duplication definition information but is stored in the second

duplication definition information in the second comparing step, the fourth identification information and ~~the~~ identification information of ~~the~~ a further copy destination storage medium, which is a further copy destination of ~~the~~ a storage medium ~~having identified by the~~ fourth identification information, are deleted from the second duplication definition information, and copying the data of the storage medium ~~having identified by the~~ fourth identification information is stopped.

4. (Currently Amended) The A-data duplication method according to claim 1, wherein,

said selection condition includes information which has caused an error to occurred in said addition step.

5. (Currently Amended) A program which duplicates data being stored in a storage subsystem connected to a computer, wherein, said computer includes a processor unit and a storing unit, and said program ~~allows~~ causes the processor unit to execute, steps comprising:

an identification information reading step which reads out from a storing unit an identification information list which stores identification information of each of a plurality of storage media included in the storage subsystem,

a definition information reading step which reads out from the storing unit, the duplication definition information which stores the identification information with

respect to each of the plurality of storage media, and identification information of a copy destination storage medium of each of the plurality of storage media,

a comparing step which compares the identification information list read out in the identification information reading step, and the duplication definition information read out in the duplication definition reading step,

an addition step in which if there exists first identification information that is stored in the identification information list but not stored in the duplication definition information in the comparing step, a copy destination ~~recording~~ storage medium of ~~the a~~ storage medium ~~having identified by the~~ first identification information is selected according to a predetermined selection condition, the first identification information and the identification information of the copy destination storage medium thus selected are added to the duplication definition information, and data in the storage medium ~~having identified by the~~ first identification information is copied to the copy destination storage medium thus selected, and

a deletion step in which if there exists second identification information that is not stored in the identification information list but is stored in the duplication definition information in the comparing step, the second identification information and the identification information of ~~the a~~ copy destination storage medium, which is a copy destination of ~~the a~~ storage medium ~~having identified by the~~ second identification information, are deleted from the duplication definition information, and copying the data of the storage medium ~~having identified by the~~ second identification information is stopped.

6. (Currently Amended) A computer which duplicates data stored in a storage subsystem, comprising:

a first storing means which stores an identification information list in which identification information of each of a plurality of storage media included in said storage subsystem is stored,

a second storing means which stores duplication definition information including identification information with respect to each of said plurality of storage media, and identification information of a copy destination storage medium of each of said storage media, and

a comparing means which compares the identification information list stored in said first storing means, and the duplication definition information stored in said second storing means, wherein,

if there exists first identification information that is stored in said identification information list but not stored in said duplication definition information, said comparing means selects, according to a ~~predefined~~ predetermined selection condition, a copy destination storage medium of ~~the~~ a storage medium ~~having identified by the first~~ identification information, adds to said duplication definition information, the first identification information and the identification information of said copy destination storage medium thus selected, and copies data in the storage medium ~~having identified by the first~~ identification information to said copy destination storage medium thus selected, and

if there exists second identification information that is not stored in said identification information list, but stored in said duplication definition information, said comparing means deletes, from said duplication definition information, the second identification information and ~~the~~ identification information of ~~the~~ a copy destination storage medium, which is a copy destination of ~~the~~ a storage medium having identified by the second identification information, and stops copying of data in the storage medium having ~~identified by~~ identified by the second identification information.